

February 15th 2008, J. Wresnik

Comparison of uniformsky schedules with different optimization options

Specifications:

schedules: st16uni_15_3_230X_0_0
st16uni_30_6_230X_0_0
st16uni_45_9_230X_0_0
st16uni_60_12_230X_0_0
st16uni_120_12_230X_0_0

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec²/sec

grd: 0.5 psec²/sec

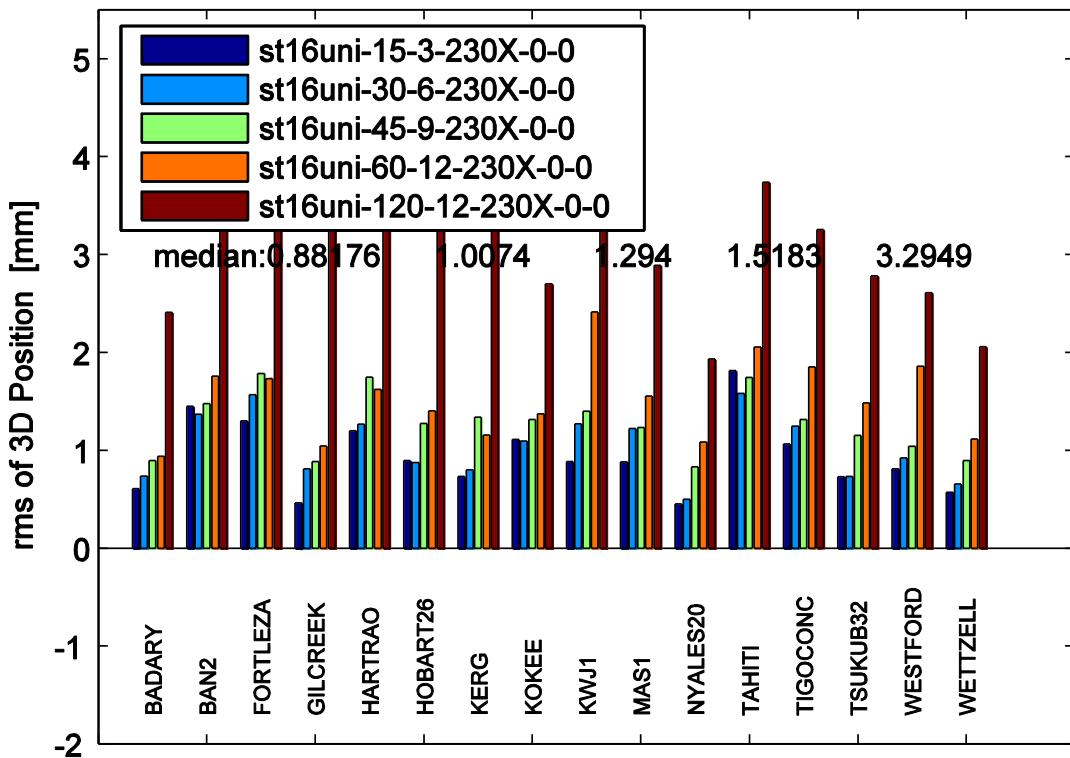


Figure1: 3Drms station position. Median: 0.9, 1.0; 1.3; 1.5 & 3.3.

schedules: st16uni_15_3_230X_1_5
st16uni_30_6_230X_1_5
st16uni_45_9_230X_1_5
st16uni_60_12_230X_1_5

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec²/sec

grd: 0.5 psec²/sec

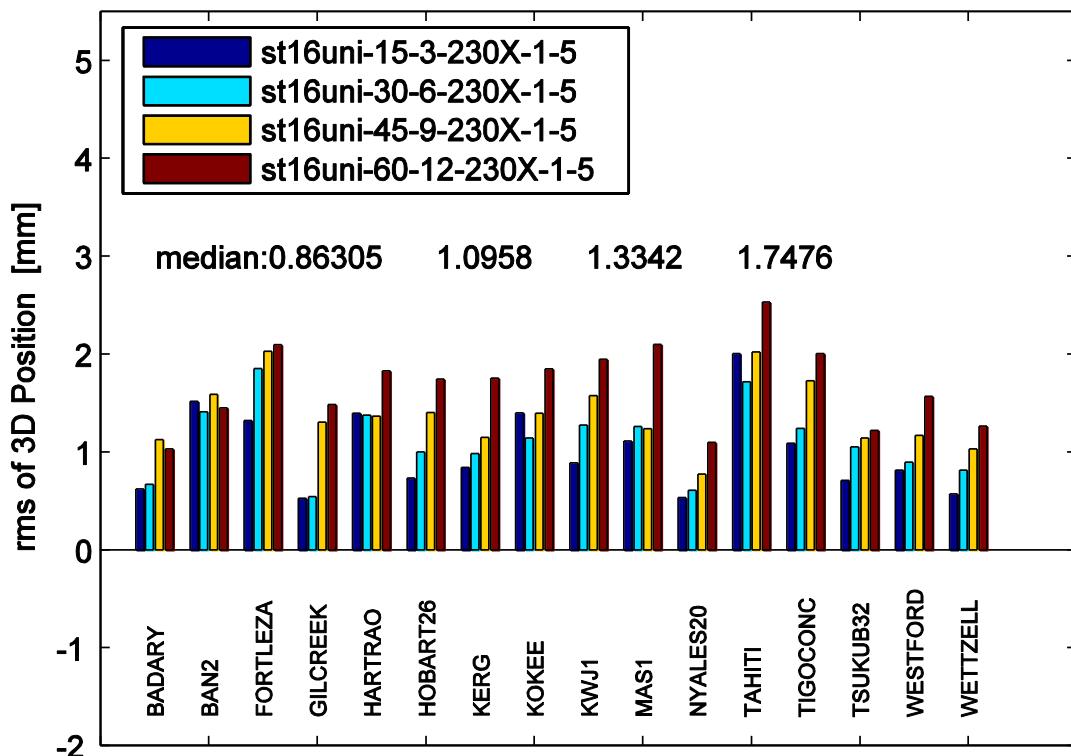


Figure 2: 3Drms station position. Median: 0.9, 1.1; 1.3 & 1.7.

schedules: st16uni_15_3_230X_0_0
st16uni_15_3_230X_1_5

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec²/sec

grd: 0.5 psec²/sec

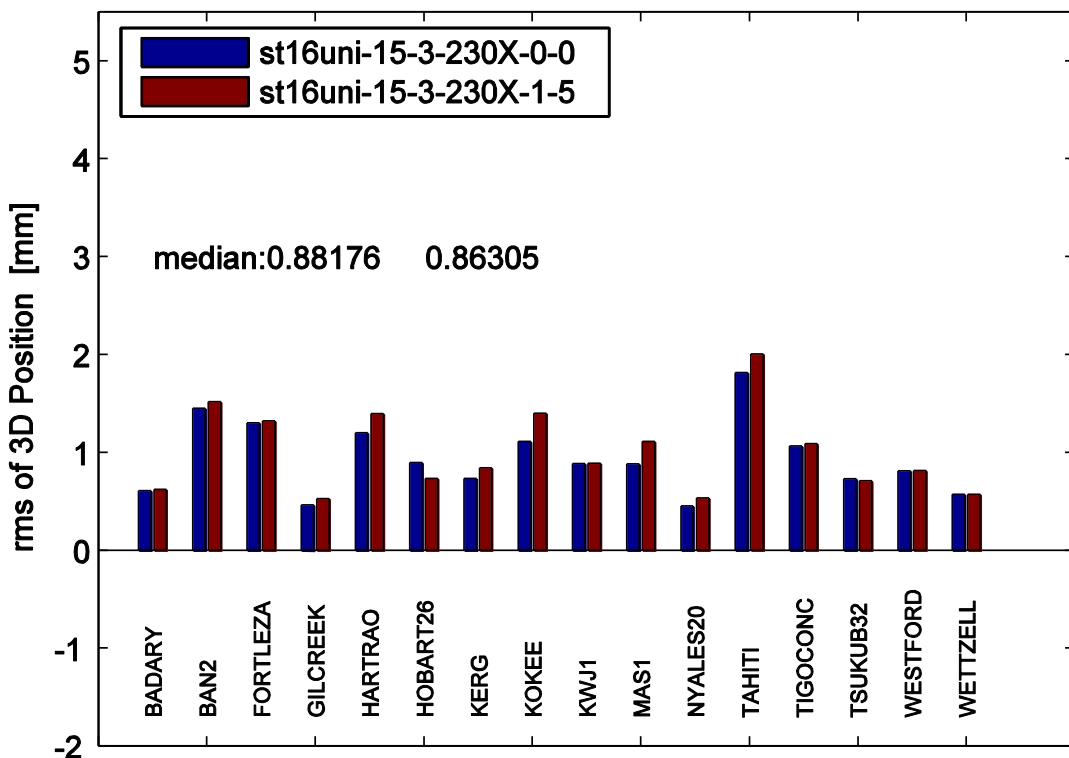


Figure 3: 3Drms station position. Median: 0.9 & 0.9.